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SSSSSSSS	CCCCCCCC	RRRRRRRR	VV	VV	EEEEEEEEE	CCCCCCCC	TTTTTTTT	000000	RRRRRRRR
SSSSSSSS	CCCCCCCC	RRRRRRRR	VV	VV	EE	CCCCCCCC	TTTTTTTT	000000	RRRRRRRR
SS	CC	RR	RR	VV	VV	CC	TT	00	RR
SS	CC	RR	RR	VV	VV	CC	TT	00	RR
SS	CC	RR	RR	VV	VV	CC	TT	00	RR
SS	CC	RR	RR	VV	VV	CC	TT	00	RR
SSSSSS	CC	RRRRRRRR	VV	VV	EEEEEEEEE	CC	TT	00	RRRRRRRR
SSSSSS	CC	RRRRRRRR	VV	VV	EEEEEEEEE	CC	TT	00	RRRRRRRR
SS	CC	RR	RR	VV	VV	CC	TT	00	RR
SS	CC	RR	RR	VV	VV	CC	TT	00	RR
SS	CC	RR	RR	VV	VV	CC	TT	00	RR
SS	CC	RR	RR	VV	VV	CC	TT	00	RR
SSSSSSSS	CCCCCCCC	RR	RR	VV	EEEEEEEEE	CCCCCCCC	TT	000000	RR
SSSSSSSS	CCCCCCCC	RR	RR	VV	EEEEEEEEE	CCCCCCCC	TT	000000	RR

LL	IIIIII	SSSSSSSS
LL	IIIIII	SSSSSSSS
LL	IIII	SS
LLLLLLLL	IIIIII	SSSSSSSS
LLLLLLLL	IIIIII	SSSSSSSS

(2) 48 DECLARATIONS

0000 1 .TITLE SCR\$VECTOR - Entry vectors for Screen Package
0000 2 :IDENT 'V04-000'
0000 3 :
0000 4 :
0000 5 :*****
0000 6 :*
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0000 24 :*
0000 25 :*
0000 26 :*****
0000 27 :
0000 28 :
0000 29 :++
0000 30 : FACILITY: Terminal-independent Screen Procedures
0000 31 :
0000 32 : ABSTRACT:
0000 33 :
0000 34 : This module contains the entry vector definitions for the
0000 35 : Run-Time Library Terminal-Independent Screen Handling Procedures
0000 36 :
0000 37 : ENVIRONMENT: Runs at any access mode, AST Reentrant
0000 38 :
0000 39 : AUTHOR: Steven B. Lionel, CREATION DATE: 26-Oct-1981
0000 40 :
0000 41 : MODIFIED BY:
0000 42 :
0000 43 : 1-001 - Original. SBL 26-Oct-1981
0000 44 : 1-002 - Change PSELECT name to \$\$VECTOR so that it sorts first alphabetically.
0000 45 : SBL 4-Dec-1981
0000 46 :--

```
0000 48      .SBTTL DECLARATIONS
0000 49      : LIBRARY MACRO CALLS:
0000 50      :      NONE
0000 51      :      EXTERNAL DECLARATIONS:
0000 52      :      .DSABL GBL      ; Force all external symbols to be declared
0000 53      :      MACROS:
0000 54      :      .+
0000 55      :      Macro to define an entry vector. If NAME does not have a .ENTRY of
0000 56      :      its own, the corresponding .ENTRY name must be specified as ALTMASK.
0000 57      :      .-
0000 58      :      .MACRO VECTOR NAME, ALTMASK
0000 59      :      .EXTRN      NAME
0000 60      :      .TRANSFER     NAME
0000 61      :      .IF BLANK ALTMASK
0000 62      :      .MASK        NAME
0000 63      :      .IFF         NAME
0000 64      :      .MASK        ALTMASK
0000 65      :      .ENDC
0000 66      :      .JMP         NAME+2
0000 67      :      .ENDM
0000 68      :      .LIST        MEB      ; generate listing for code generated
0000 69      :      .-
0000 70      :      EQUATED SYMBOLS:
0000 71      :      NONE
0000 72      :      OWN STORAGE:
0000 73      :      NONE
0000 74      :      PSECT DECLARATIONS:
0000 75      :      .PSECT $$VECTOR PIC, USR, CON, REL, LCL, SHR, -
0000 76      :      EXE, RD, NOWRT, LONG
0000 77      :      .-
```

0000 95 ;+
 0000 96 ; Define vectored entry points for the screen package.
 0000 97 ;-
 0000 99
 0000 100
 0000 101
 0000 102
 0000 103
 0000 104
 0000 105
 0000 106
 0000 107
 0000 108
 0000 109
 0000 110
 0000 111
 0000 112
 0000 113
 0000 114
 0000 115
 0000 116
 0000 117
 0000 118
 0000 119
 0000 120
 0000 121

VECTOR LIB\$ERASE PAGE
 .MASK LIB\$ERASE_PAGE
 JMP LIB\$ERASE_PAGE+2
 VECTOR SCR\$ERASE PAGE
 .MASK SCR\$ERASE_PAGE
 JMP SCR\$ERASE_PAGE+2
 VECTOR SCR\$ERASE, SCR\$ERASE PAGE ; Obsolete
 .MASK SCR\$ERASE_PAGE
 JMP SCR\$ERASE+2
 VECTOR LIB\$ERASE LINE
 .MASK LIB\$ERASE_LINE
 JMP LIB\$ERASE_LINE+2
 VECTOR SCR\$ERASE LINE
 .MASK SCR\$ERASE_LINE
 JMP SCR\$ERASE_LINE+2
 VECTOR LIB\$PUT_LINE
 .MASK LIB\$PUT_LINE
 JMP LIB\$PUT_LINE+2
 VECTOR SCR\$PUT_LINE
 .MASK SCR\$PUT_LINE
 JMP SCR\$PUT_LINE+2
 VECTOR LIB\$SET_CURSOR
 .MASK LIB\$SET_CURSOR
 JMP LIB\$SET_CURSOR+2
 VECTOR SCR\$SET_CURSOR
 .MASK SCR\$SET_CURSOR
 JMP SCR\$SET_CURSOR+2
 VECTOR LIB\$PUT_SCREEN
 .MASK LIB\$PUT_SCREEN
 JMP LIB\$PUT_SCREEN+2
 VECTOR SCR\$PUT_SCREEN
 .MASK SCR\$PUT_SCREEN
 JMP SCR\$PUT_SCREEN+2
 VECTOR LIB\$GET_SCREEN, SCR\$GET_SCREEN
 .MASK SCR\$GET_SCREEN
 JMP LIB\$GET_SCREEN+2
 VECTOR SCR\$GET_SCREEN
 .MASK SCR\$GET_SCREEN
 JMP SCR\$GET_SCREEN+2
 VECTOR LIB\$DOWN_SCROLL, SCR\$DOWN_SCROLL
 .MASK SCR\$DOWN_SCROLL
 JMP LIB\$DOWN_SCROLL+2
 VECTOR SCR\$DOWN_SCROLL
 .MASK SCR\$DOWN_SCROLL
 JMP SCR\$DOWN_SCROLL+2
 VECTOR LIB\$UP_SCROLL, SCR\$UP_SCROLL

00000002'EF	0000' 0078		.MASK	SCR\$UP_SCROLL
	17 007A	122	JMP	LIB\$UP_SCROLL+2
00000002'EF	0000' 0080		VECTOR SCR\$UP_SCROLL	
	17 0080	123	.MASK	SCR\$UP_SCROLL
	0082		JMP	SCR\$UP_SCROLL+2
00000002'EF	0000' 0088		VECTOR LIB\$SET_SCROLL	
	17 0088	124	.MASK	LIB\$SET_SCROLL
00000002'EF	0000' 0088		JMP	LIB\$SET_SCROLL+2
	17 008A	125	VECTOR SCR\$SET_SCROLL	
00000002'EF	0000' 0090		.MASK	SCR\$SET_SCROLL
	17 0090	126	JMP	SCR\$SET_SCROLL+2
00000002'EF	0000' 0092		VECTOR LIB\$SET_BUFFER, SCR\$SET_BUFFER	
	17 0092	127	.MASK	SCR\$SET_BUFFER
00000002'EF	0000' 0098		JMP	LIB\$SET_BUFFER+2
	17 0098	128	VECTOR SCR\$SET_BUFFER	
00000002'EF	0000' 00A0		.MASK	SCR\$SET_BUFFER
	17 00A0	129	JMP	SCR\$SET_BUFFER+2
00000002'EF	0000' 00A2		VECTOR LIB\$PUT_BUFFER	
	17 00A2	130	.MASK	LIB\$PUT_BUFFER
00000002'EF	0000' 00A8		JMP	LIB\$PUT_BUFFER+2
	17 00AA	131	VECTOR SCR\$PUT_BUFFER	
00000002'EF	0000' 00B0		.MASK	SCR\$PUT_BUFFER
	17 00B0	132	JMP	SCR\$PUT_BUFFER+2
00000002'EF	0000' 00B8		VECTOR LIB\$SCREEN_INFO	
	17 00B8	133	.MASK	LIB\$SCREEN_INFO
00000002'EF	0000' 00BA		JMP	LIB\$SCREEN_INFO+2
00000002'EF	0000' 00C0		VECTOR SCR\$SCREEN_INFO	
	17 00C0	134	.MASK	SCR\$SCREEN_INFO
00000002'EF	0000' 00C2		JMP	SCR\$SCREEN_INFO+2
00000002'EF	0000' 00C8		VECTOR LIB\$SET_OUTPUT	
	17 00C8	135	.MASK	LIB\$SET_OUTPUT
00000002'EF	0000' 00CA		JMP	LIB\$SET_OUTPUT+2
00000002'EF	0000' 00D0		VECTOR SCR\$SET_OUTPUT	
	17 00D0	136	.MASK	SCR\$SET_OUTPUT
00000002'EF	0000' 00D2		JMP	SCR\$SET_OUTPUT+2
00000002'EF	0000' 00D8		VECTOR LIB\$STOP_OUTPUT, SCR\$STOP_OUTPUT	
	17 00D8	137	.MASK	SCR\$STOP_OUTPUT
00000002'EF	0000' 00DA		JMP	LIB\$STOP_OUTPUT+2
00000002'EF	0000' 00E0		VECTOR SCR\$STOP_OUTPUT	
	17 00E0	138	.MASK	SCR\$STOP_OUTPUT
00000002'EF	0000' 00E2		JMP	SCR\$STOP_OUTPUT+2
	00E8	139	.END	
	00E8	140		
	00E8	141		
	00E8	142		

; End of module SCR\$VECTOR

LIB\$DOWN_SCROLL	*****	X	01
LIB\$ERASE_LINE	*****	X	01
LIB\$ERASE_PAGE	*****	X	01
LIB\$GET_SCREEN	*****	X	01
LIB\$PUT_BUFFER	*****	X	01
LIB\$PUT_LINE	*****	X	01
LIB\$PUT_SCREEN	*****	X	01
LIB\$SCREEN_INFO	*****	X	01
LIB\$SET_BUFFER	*****	X	01
LIB\$SET_CURSOR	*****	X	01
LIB\$SET_OUTPUT	*****	X	01
LIB\$SET_SCROLL	*****	X	01
LIB\$STOP_OUTPUT	*****	X	01
LIB\$UP_SCROLL	*****	X	01
SCR\$DOWN_SCROLL	*****	X	01
SCR\$ERASE	*****	X	01
SCR\$ERASE_LINE	*****	X	01
SCR\$ERASE_PAGE	*****	X	01
SCR\$GET_SCREEN	*****	X	01
SCR\$PUT_BUFFER	*****	X	01
SCR\$PUT_LINE	*****	X	01
SCR\$PUT_SCREEN	*****	X	01
SCR\$SCREEN_INFO	*****	X	01
SCR\$SET_BUFFER	*****	X	01
SCR\$SET_CURSOR	*****	X	01
SCR\$SET_OUTPUT	*****	X	01
SCR\$SET_SCROLL	*****	X	01
SCR\$STOP_OUTPUT	*****	X	01
SCR\$UP_SCROLL	*****	X	01

! Psect synopsis !

PSECT name	Allocation	PSECT No.	Attributes
ABS	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
SCR\$VECTOR	000000E8 (232.)	01 (1.)	PIC USR CON REL LCL SHR EXE RD NOWRT NOVEC LONG

! Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
Initialization	32	00:00:00.10	00:00:00.64
Command processing	118	00:00:00.57	00:00:03.06
Pass 1	95	00:00:00.93	00:00:02.81
Symbol table sort	0	00:00:00.01	00:00:00.01
Pass 2	50	00:00:00.46	00:00:00.88
Symbol table output	4	00:00:00.03	00:00:00.24
Psect synopsis output	2	00:00:00.02	00:00:00.02
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	303	00:00:02.12	00:00:07.66

The working set limit was 900 pages.
8228 bytes (17 pages) of virtual memory were used to buffer the intermediate code.

SCR\$VECTOR
VAX-11 Macro Run Statistics

- Entry vectors for Screen Package

G 13

16-SEP-1984 02:16:59 VAX/VMS Macro V04-00
5-SEP-1984 04:43:38 [VMSLIB.SRC]SCRVECTOR.MAR;1

Page 6 (3)

There were 10 pages of symbol table space allocated to hold 29 non-local and 0 local symbols.
142 source lines were read in Pass 1, producing 12 object records in Pass 2.
1 page of virtual memory was used to define 1 macro.

+-----+
! Macro Library statistics !
+-----+

Macro Library name

Macros defined

-\$255\$DUA28:[SYS.OBJ]LIB.MLB;1
-\$255\$DUA28:[SYSLIB]STARLET.MLB;2
TOTALS (all libraries)

0
0
0

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/DISA=TRACE/LIS=L!\$:\$:SCRVECTOR/OBJ=OBJ\$:\$:SCRVECTOR MSRC\$:\$:SCRVECTOR/UPDATE=(ENH\$:\$:SCRVECTOR)+EXECML\$:\$:LIB

0437 AH-BT13A-SE
VAX/VMS V4.0

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SYSGMSG
LIS

SCRINPUT
LIS

SCRIMSC
LIS

SCRREQ
LIS

SETPRIU
LIS

SHRMSG
LIS

TPARSE
LIS

SCRLTB
LIS

SCRVECTOR
LIS

SSMSG
LIS